

IN THE CLAIMS

Claims 1-11 (Canceled).

12 (Currently Amended). A computer readable medium ~~An article comprising a medium~~ for storing instructions that cause a processor-based system to:

- cause a measurement of the ambient white light intensity to be taken;
- illuminate a plurality of lights, each of a different wavelength;
- cause a measurement to be taken of the intensity of each of said lights together with the white light intensity; and
- calibrate said digital camera for the ambient lighting conditions using said measurement.

Claim 13 (Canceled).

14 (Currently Amended). The medium ~~article~~ of claim 12 further storing instructions that cause a processor-based system to automatically cause measurements of the white light intensity to be taken in response to the detection of a change in ambient light conditions.

15 (Currently Amended). The medium ~~article~~ of claim 12 further storing instructions that cause a processor-based system to cause a measurements to be taken of the light transmitted by a light emitting element coupled to said camera.

16 (Currently Amended). The medium ~~article~~ of claim 12 further storing instructions that cause a processor-based system to use pattern recognition techniques to locate an external calibration device.

17 (Currently Amended). The medium ~~article~~ of claim 12 further storing instructions that cause a processor-based system to measure the white light reflected by an external device and identify indicia on said external device containing information about the optical characteristics of said external device.

18 (Currently Amended). The medium ~~article~~ of claim 12 further storing instructions that cause a processor-based system to measure the light transmitted through a device coupled to said camera and capture information recorded on said device about the optical characteristics of said device.

Claims 19-31 (Canceled).